## What is claimed is:

1. A method of fabricating a mask for patterning a semiconductor wafer, comprising:

providing a mask blank including a substrate and an opaque material formed thereon; and

patterning the opaque material with oval or rounded features using an elliptical-shaped energy beam.

- 2. The method according to Claim 1, wherein the 10 elliptical-shaped energy beam includes a long axis and a short axis, wherein an edge along the energy beam long axis is used to pattern oval features on the wafer.
- 3. The method according to Claim 1, further comprising using the mask to fabricate a semiconductor device.
  - 4. A method of fabricating a mask for patterning a semiconductor device, comprising:

providing a substrate including an opaque material
20 formed thereon;

forming a pattern on the opaque material, portions of the pattern having stair-step shaped edges; and

reducing the stair-step shaped edges formed on the opaque material with an elliptical-shaped energy beam.

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- 5. The method according to Claim 4, wherein forming a pattern comprises forming a pattern having at least one edge having two sides being positioned at substantially right angles to one another to form a substantially
- right-angle corner, wherein reducing the stair-step shaped edges comprises smoothing the right-angle corners.
  - 6. The method according to Claim 5, wherein forming a pattern comprises using a circular-shaped energy beam to form the pattern.

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- 7. The method according to Claim 4, wherein the elliptical-shaped energy beam includes a long axis and a short axis, wherein an edge along the energy beam long axis is used to remove the stair-step shaped edges.
- 8. The method according to Claim 4, wherein forming a pattern comprises forming oval or rounded features.
- 9. The method according to Claim 4, wherein reducing the stair-step shaped edges comprises using a laser or electron energy beam.
- 10. The method according to Claim 4, further comprising using the mask to pattern a semiconductor wafer.
  - 11. The method according to Claim 10, wherein the semiconductor wafer patterned comprises a magnetic random access memory (MRAM) or dynamic random access memory (DRAM) device.
  - 12. A method of fabricating a mask for patterning a semiconductor device, comprising:

providing a substrate including a transparent
25 material;

depositing an opaque material over the substrate; using a substantially circular-shaped energy beam to form a pattern including oval or rounded features on the opaque material, portions of the oval or rounded features including undesired stair-step shaped edges; and

at least partially removing the oval or rounded feature stair-step shaped edges with an elliptical-shaped energy beam.

- 13. The method according to Claim 12, wherein the oval or rounded features stair-step shaped edges include at least one edge having two sides being positioned at substantially right angles to one another to form a substantially right-angle corner, wherein removing the stair-step shaped edges comprises removing the right-angle corners.
- 14. The method according to Claim 13, wherein the
  10 elliptical-shaped energy beam includes a long axis and a
  short axis, wherein an edge along the energy beam long
  axis is used to remove the stair-step shaped edges.
- 15. The method according to Claim 14, wherein removing the oval or rounded feature stair-step shaped edges comprises using a laser or electron energy beam.
  - 16. The method according to Claim 12, further comprising using the mask to fabricate a semiconductor device.
  - 17. The method according to Claim 16, wherein the semiconductor device fabricated comprises a magnetic random access memory (MRAM) or dynamic random access memory (DRAM) device.

18. A method of fabricating a semiconductor device, comprising:

providing a semiconductor wafer;

patterning the semiconductor wafer with a mask, the 30 mask including oval or rounded features formed using an elliptical-shaped energy beam.

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19. The method according to Claim 18, wherein the mask is fabricated by a method including:

providing a substrate including a transparent
material;

- depositing an opaque material formed thereon;
  using a substantially circular-shaped energy beam to
  form a pattern including the oval or rounded features on
  the opaque material, portions of the oval or rounded
  features including undesired stair-step shaped edges; and
- at least partially removing the oval or rounded feature stair-step shaped edges with an elliptical-shaped energy beam.
- 20. The method according to Claim 19, wherein the
  elliptical-shaped energy beam includes a long axis and a
  short axis, wherein an edge along the energy beam long
  axis is used to remove the stair-step shaped edges of the
  mask.
- 20 21. The method according to Claim 19, wherein removing the stair-step shaped edges of the mask comprises using a laser or electron energy beam.
- 22. The method according to Claim 18, further comprising:

depositing a resist layer on the semiconductor wafer, wherein the mask is used to pattern the resist layer.

30 23. The method according to Claim 18, wherein the semiconductor device fabricated comprises a magnetic random access memory (MRAM) or dynamic random access memory (DRAM) device.

24. A method of patterning a semiconductor wafer, comprising:

providing a semiconductor wafer having a surface; depositing a resist over the semiconductor wafer surface;

patterning the resist with an energy beam, wherein the energy beam comprises a beam having an elliptical-shaped cross-section; and

using the resist to pattern the wafer surface.

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- 25. The method according to Claim 24, wherein the energy beam comprises a laser, ion beam, or electron energy beam.
- 15 26. The method according to Claim 24, wherein patterning the resist comprises forming oval or rounded features.
  - 27. The method according to Claim 26, further comprising:
- using a substantially circular-shaped energy beam to form a pattern including the oval or rounded features on the resist, portions of the oval or rounded features including undesired stair-step shaped edges; and

at least partially removing the oval or rounded 25 feature stair-step shaped edges with the ellipticalshaped energy beam.

28. A semiconductor device patterned using the method of Claim 24.

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